

ClaimsWhat is claimed is:

1 1. In a World Wide Web (Web) communication network with  
2 user access via a plurality of data processor controlled  
3 interactive receiving display stations for displaying  
4 received hypertext documents of at least one display page  
5 containing text and images transmitted from sources on  
6 the Web, a system for bookmarking of selected received  
7 Web documents comprising:

8 means associated with one of said receiving display  
9 stations for bookmarking of selected received Web  
10 documents to thereby store at said receiving display  
11 station, direct links to the sources of said Web  
12 documents;

13 means for tracking the rates of the numbers of  
14 specific Web documents transmitted from a source during  
15 daily time cycles; and

16 means at said receiving display station for  
17 displaying in association with the displayed bookmarks  
18 for Web documents, data on the rates of transmission of  
19 said bookmarked documents at the time of said display.

1 2. The Web bookmarking system of claim 1 wherein said  
2 data on the rates of transmission are indicators at each  
3 of said bookmarks.

1 3. The Web bookmarking system of claim 2 wherein said  
2 Web document source is a Web site including:

3 said means for tracking further including

4 means for tracking the hourly hit rates for  
5 requested specific Web documents.

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1 4. The Web bookmarking system of claim 3 wherein said  
2 means for providing said indicator of said rate of  
3 transmission includes:  
4 means for requesting from the Web sites of each of a  
5 plurality of Web documents bookmarked at said receiving  
6 display station, the hourly hit rates for each bookmarked  
7 document; and  
8 means for storing said hourly hit rates.

1 5. The Web bookmarking system of claim 4 wherein said  
2 means for requesting the hourly hit rates of bookmarked  
3 Web documents periodically request the hit rates whereby  
4 said stored hit rates are periodically updated.

1 6. The Web bookmarking system of claim 5 wherein said  
2 indicator of the rate of transmission indicates both high  
3 and low hit rates.

1 7. The Web bookmarking system of claim 6 wherein said  
2 high and low hit rate bookmarked Web documents are  
3 indicated by displayed bookmarks of different colors.

1 8. The Web bookmarking system of claim 6 wherein said  
2 high and low hit rate bookmarked Web documents are  
3 indicated by displaying the high hit rate bookmarks and  
4 low hit rate bookmarks in different menus.

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1 9. The Web bookmarking system of claim 6 further  
2 comprising:

3 Web browsing means at said receiving display station  
4 including:

5 said means for bookmarking of selected received Web  
6 documents; and

7 said means for providing at the displayed bookmark,  
8 an indicator of said rate of transmission of said  
9 document at the time of said request.

1 10. The Web bookmarking system of claim 9 wherein said  
2 means in said Web browser for providing said indicator of  
3 said rate of transmission includes:

4 means for requesting from the Web sites of each of a  
5 plurality of Web documents bookmarked at said receiving  
6 display station, the hourly hit rates for each bookmarked  
7 documents; and

8 means for storing said hourly hit rates.

1 11. The Web bookmarking system of claim 10 wherein said  
2 means in said Web browser for requesting the hourly hit  
3 rates of bookmarked Web documents periodically request  
4 the hit rates whereby said stored hit rates are  
5 periodically updated.

1 12. The Web bookmarking system of claim 11 wherein:

2 said Web browser further includes means for  
3 requesting bookmarked Web documents from their source Web  
4 sites; and

5 said means for periodically requesting hit rates  
6 request such hit rates when said bookmarked document is  
7 requested whereby said stored hit rates are updated for  
8 subsequent requests for said bookmarked document.

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1 13. In a Web communication network with user access via  
2 a plurality of data processor controlled interactive  
3 receiving display stations for displaying received  
4 hypertext documents of at least one display page  
5 containing text, and images transmitted from sources on  
6 the Web, a method for bookmarking of selected Web  
7 documents comprising:

8 enabling the bookmarking of selected documents  
9 received at one of the receiving display stations to  
10 thereby store at said receiving display station, direct  
11 links to the sources of said Web documents;

12 tracking the rates of the numbers of specific Web  
13 documents transmitted from a source during daily time  
14 cycles; and

15 displaying at said receiving display station, in  
16 association with the displayed bookmarks for Web  
17 documents, data on the rates of transmission of the  
18 bookmarked document associated with each bookmark at the  
19 time of said display.

1 14. The bookmarking method of claim 13 wherein said data  
2 on the rates of transmission are indicators of said rate  
3 of transmission at each of said bookmarks.

1 15. The bookmarking method of claim 14 wherein said Web  
2 document source is a Web site at which the step of  
3 tracking is carried out, and further includes the step of  
4 tracking the hourly hit rates for requested specific Web  
5 documents.

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1 16. The bookmarking method of claim 15 wherein said step  
2 of providing said indicator of said rate of transmission  
3 includes the steps of:

4 requesting from the Web sites of each of a plurality  
5 of Web documents bookmarked at said receiving display  
6 station, the hourly hit rates for each bookmarked  
7 document; and

8 storing said hourly hit rates.

1 17. The bookmarking method of claim 16 wherein said step  
2 of requesting the hourly hit rates of bookmarked Web  
3 documents periodically request the hit rates whereby said  
4 stored hit rates are periodically updated.

1 18. The bookmarking method of claim 17 wherein said step  
2 of indicating the rate of transmission indicates both  
3 high and low hit rates.

1 19. The bookmarking method of claim 18 wherein said high  
2 and low hit rate bookmarked Web documents are indicated  
3 by displayed bookmarks of different colors.

1 20. The bookmarking method of claim 19 wherein said high  
2 and low hit rate bookmarked Web documents are indicated  
3 by displaying the high hit rate bookmarks and low hit  
4 rate bookmarks in different menus.

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21. The bookmarking method of claim 18 further comprising:

a Web browsing process at said receiving display station including:

said step of bookmarking of selected received Web documents; and

said step of providing at the displayed bookmark, an indicator of said rate of transmission of said document at the time of said request.

22. The bookmarking method of claim 21 wherein said step  
in said Web browsing process for providing said indicator  
of said rate of transmission includes:  
    requesting from the Web sites of each of a plurality  
of Web documents bookmarked at said receiving display  
station, the hourly hit rates for each bookmarked  
document; and  
    storing said hourly hit rates.

1 23. The bookmarking method of claim 22 wherein said step  
2 in said Web browser for requesting the hourly hit rates  
3 of bookmarked Web documents periodically requests the hit  
4 rates whereby said stored hit rates are periodically  
5 updated.

1     24. The bookmarking method of claim 23 wherein:  
2         said Web browsing process further includes the step  
3     of requesting bookmarked Web documents from their source  
4     Web sites; and  
5         said step of periodically requesting hit rates  
6     requests such hit rates when said bookmarked document is  
7     requested whereby said stored hit rates are updated for  
8     subsequent requests for said bookmarked document.

1 25. A computer program having code recorded on a  
2 computer readable medium for bookmarking of selected  
3 received Web documents in a Web communication network  
4 with user access via a plurality of data processor  
5 controlled interactive receiving display stations for  
6 displaying received hypertext documents of at least one  
7 display page containing text and images transmitted from  
8 sources on the Web, said program comprising:

9 means associated with one of said receiving display  
10 stations for bookmarking of selected received Web  
11 documents to thereby store at said receiving display  
12 station, direct links to the sources of said Web  
13 documents;

14 means for tracking the rates of the numbers of  
15 specific Web documents transmitted from a source during  
16 daily time cycles; and

17 means at said receiving display station for  
18 displaying in association with the displayed bookmarks  
19 for Web documents, data on the rates of transmission of  
20 said bookmarked documents at the time of said display.

1 26. The computer program of claim 25 wherein said data  
2 on the rates of transmission are indicators at each of  
3 said bookmarks.

1 27. The computer program of claim 26 wherein said Web  
2 document source is a Web site including:

3 said means for tracking further including

4 means for tracking the hourly hit rates for  
5 requested specific Web documents.

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8 means for storing said hourly hit rates.

1 30. The computer program of claim 29 wherein said  
2 indicator of the rate of transmission indicates both high  
3 and low hit rates.

1 32. The computer program of claim 30 wherein said high  
2 and low hit rate bookmarked Web documents are indicated  
3 by displaying the high hit rate bookmarks and low hit  
4 rate bookmarks in different menus.



1 33. The computer program of claim 30 further comprising:  
2 a Web browser program at said receiving display  
3 station including:

4 said means for bookmarking of selected received Web  
5 documents; and

6 said means for providing at the displayed bookmark,  
7 an indicator of said rate of transmission of said  
8 document at the time of said request.

1 34. The computer program of claim 33 wherein said means  
2 in said Web browser program for providing said indicator  
3 of said rate of transmission includes:

4 means for requesting from the Web sites of each of a  
5 plurality of Web documents bookmarked at said receiving  
6 display station, the hourly hit rates for each bookmarked  
7 documents; and

8 means for storing said hourly hit rates.

1 35. The computer program of claim 34 wherein said means  
2 in said Web browser program for requesting the hourly hit  
3 rates of bookmarked Web documents periodically request  
4 the hit rates whereby said stored hit rates are  
5 periodically updated.

1 36. The computer program of claim 35 wherein:

2 said Web browser program includes means for  
3 requesting bookmarked Web documents from their source Web  
4 sites; and

5 said means for periodically requesting hit rates  
6 request such hit rates when said bookmarked document is  
7 requested whereby said stored hit rates are updated for  
8 subsequent requests for said bookmarked document.

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